

## Refine Search

---

### Search Results -

Terms	Documents
L31 and micelle\$ near10 polymeriz\$	6

---

**Database:**

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

**Search:**

▼

Recall Text
Clear
Interrupt

---

### Search History

---

**DATE:** Sunday, September 18, 2005    [Printable Copy](#)    [Create Case](#)
**Set Name** **Query**  
 side by side

**Hit Count** **Set Name**  
 result set

<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>	
<u>L32</u>	l31 and micelle\$ near10 polymeriz\$
<u>L31</u>	L30 and (nucleic near acid\$ or polynucleotide\$ or DNA)
<u>L30</u>	reverse near micelle\$ and polymeriz\$ and disulfide
<u>L29</u>	L27 and polymeriz\$
<u>L28</u>	L27 and polymer\$
<u>L27</u>	succinic near anhydride and reverse near micelle\$
<u>L26</u>	l7 and amphipathic
<u>L25</u>	l7 and plurality
<u>L24</u>	L1 and (neutral or anionic)
<u>L23</u>	L21 and polymeriz\$
<u>L22</u>	L21 and polymer\$
<u>L21</u>	20020035082
<u>L20</u>	L7 and compact\$
<u>L19</u>	L1 and tail\$ near5 head\$

<u>L18</u>	L7 and polymerization	1	<u>L18</u>
<u>L17</u>	L7 and polymer\$	1	<u>L17</u>
<u>L16</u>	L1 and labile	1	<u>L16</u>
<u>L15</u>	L11 and labile	1	<u>L15</u>
<u>L14</u>	L1 and disulfide	1	<u>L14</u>
<u>L13</u>	L1 and sisulfide	0	<u>L13</u>
<u>L12</u>	L7 and insert\$	2	<u>L12</u>
<u>L11</u>	L7 and silicon	1	<u>L11</u>
<u>L10</u>	l7 and sili\$	1	<u>L10</u>
<u>L9</u>	L7 and biologic\$ near3 labil\$ near10 sili\$	0	<u>L9</u>
<u>L8</u>	L7 and biologic\$ near3 labil\$	1	<u>L8</u>
<u>L7</u>	6673612 [pn]	2	<u>L7</u>
<u>L6</u>	biolog\$ near5 labile near10 silane\$	1	<u>L6</u>
<u>L5</u>	biolog\$ near5 labile near5 silane\$	0	<u>L5</u>
<u>L4</u>	L1 and silane	1	<u>L4</u>
<u>L3</u>	L1 and cell\$	1	<u>L3</u>
<u>L2</u>	L1 and cell\$ near10 (deliver\$ or contact\$)	1	<u>L2</u>
<u>L1</u>	6884842 [pn]	2	<u>L1</u>

END OF SEARCH HISTORY

 PALM INTRANETDay : Sunday  
Date: 9/18/2005

Time: 14:47:43

## Inventor Name Search

Enter the first few letters of the Inventor's Last Name.  
Additionally, enter the first few letters of the Inventor's First name.

**Last Name****First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

Day : Sunday  
Date: 9/18/2005

Time: 14:47:43

## Inventor Name Search

Enter the first few letters of the Inventor's Last Name.  
Additionally, enter the first few letters of the Inventor's First name.

**Last Name****First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

 PALM INTRANETDay : Sunday  
Date: 9/18/2005

Time: 14:47:43

## Inventor Name Search

Enter the first few letters of the Inventor's Last Name.  
Additionally, enter the first few letters of the Inventor's First name.

**Last Name****First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

 **PALM INTRANET**Day : Sunday  
Date: 9/18/2005

Time: 14:47:43

## Inventor Name Search

Enter the first few letters of the Inventor's Last Name.  
Additionally, enter the first few letters of the Inventor's First name.

**Last Name****First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

 **PALM INTRANET**Day : Sunday  
Date: 9/18/2005

Time: 14:47:43

## Inventor Name Search

Enter the first few letters of the Inventor's Last Name.  
Additionally, enter the first few letters of the Inventor's First name.

**Last Name****First Name**

To go back use Back button on your browser toolbar.

Back to [PALM](#) | [ASSIGNMENT](#) | [OASIS](#) | Home page

## Welcome to DialogClassic Web(tm)

Dialog level 05.06.01D  
Last logoff: 17sep05 11:59:38  
Logon file001 18sep05 13:38:08

\*\*\* ANNOUNCEMENT \*\*\*  
\*\*\*

--UPDATED: Important Notice to Freelance Authors--  
See HELP FREELANCE for more information  
\*\*\*

## NEW FILES RELEASED

\*\*\*Computer and Information Systems Abstracts (File 56)  
\*\*\*Electronics and Communications Abstracts (File 57)  
\*\*\*Solid State and Superconductivity Abstracts (File 68)  
\*\*\*ANTE: Abstracts in New Technologies (File 60)  
\*\*\*Civil Engineering Abstracts (File 61)  
\*\*\*Aluminium Industry Abstracts (File 33)  
\*\*\*Ceramic Abstracts/World Ceramic Abstracts (File 335)  
\*\*\*CSA Life Sciences Abstracts (File 24)  
\*\*\*Corrosion Abstracts (File 46)  
\*\*\*Materials Business File (File 269)  
\*\*\*Engineered Materials Abstracts (File 293)  
\*\*\*CSA Aerospace & High Technology Database (File 108)  
\*\*\*CSA Technology Research Database (File 23)  
\*\*\*METADEX(r) (File 32)  
\*\*\*FDAnews (File 182)  
\*\*\*German Patents Fulltext (File 324) \*\*\*

## RESUMED UPDATING

\*\*\*Canadian Business and Current Affairs (262)  
\*\*\*CorpTech (559)  
\*\*\*

Chemical Structure Searching now available in Prous Science Drugs  
of the Future (F453), IMS R&D Focus (F445), Beilstein Facts (F390),  
and Derwent Chemistry Resource (F355).  
\*\*\*

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<  
>>> of new databases, price changes, etc. <<  
\*\*\*\*\*

\* \* \*

File 1:ERIC 1966-2004/Jul 21  
(c) format only 2004 Dialog  
**\*File 1: Updates suspended by ERIC until**  
Q3, 2005

Set Items Description  
--- ----- -----

Cost is in DialUnits  
?

BEGIN 5,6,55,154,155,156,312,399,BIOTECH,BIOSCI  
>>> 135 is unauthorized  
>>> 44 is unauthorized  
>>> 76 is unauthorized  
>>>3 of the specified files are not available  
18sep05 13:38:35 User208738 Session D1088.1  
\$0.81 0.230 DialUnits File1  
\$0.81 Estimated cost File1  
\$0.11 INTERNET  
\$0.92 Estimated cost this search  
\$0.92 Estimated total session cost 0.230 DialUnits

SYSTEM:OS - DIALOG OneSearch  
File 5:Biosis Previews(R) 1969-2005/Sep W2  
(c) 2005 BIOSIS  
File 6:NTIS 1964-2005/Sep W1  
(c) 2005 NTIS, Intl Cpyrht All Rights Res  
File 55:Biosis Previews(R) 1993-2005/Sep W2  
(c) 2005 BIOSIS  
File 154:MEDLINE(R) 1990-2005/Sep 19  
(c) format only 2005 Dialog  
File 155:MEDLINE(R) 1951-2005/Sep 19  
(c) format only 2005 Dialog  
File 156:ToxFile 1965-2005/Sep W3  
(c) format only 2005 Dialog  
File 312:CA SEARCH(R) 1987-1991  
(c) 1997 American Chemical Society  
**\*File 312: Use is subject to the terms of your user/customer agreement.**  
File 399:CA SEARCH(R) 1967-2005/UD=14312  
(c) 2005 American Chemical Society  
**\*File 399: Use is subject to the terms of your user/customer agreement.**  
Alert feature enhanced for multiple files, etc. See HELP ALERT.  
File 8:Ei Compendex(R) 1970-2005/Sep W1  
(c) 2005 Elsevier Eng. Info. Inc.  
File 24:CSA Life Sciences Abstracts 1966-2005/Aug  
(c) 2005 CSA.  
File 34:SciSearch(R) Cited Ref Sci 1990-2005/Sep W2  
(c) 2005 Inst for Sci Info  
File 65:Inside Conferences 1993-2005/Sep W2  
(c) 2005 BLDSC all rts. reserv.  
File 71:ELSEVIER BIOBASE 1994-2005/Sep W1  
(c) 2005 Elsevier Science B.V.  
File 73:EMBASE 1974-2005/Sep 16  
(c) 2005 Elsevier Science B.V.  
File 94:JICST-EPlus 1985-2005/Jul W4  
(c) 2005 Japan Science and Tech Corp (JST)  
File 98:General Sci Abs/Full-Text 1984-2004/Dec  
(c) 2005 The HW Wilson Co.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jul  
(c) 2005 The HW Wilson Co.  
File 136:BioEngineering Abstracts-1966-2005/Aug (c) 2005 CSA.  
File 143:Biol. & Agric. Index 1983-2005/Jul  
(c) 2005 The HW Wilson Co  
File 144:Pascal 1973-2005/Sep W1  
(c) 2005 INIST/CNRS  
File 172:EMBASE Alert 2005/Sep 16  
(c) 2005 Elsevier Science B.V.  
File 266:FEDRIP 2005/Jun  
Comp & dist by NTIS, Intl Copyright All Rights Res  
File 315:ChemEng & Biotec Abs 1970-2005/Aug  
(c) 2005 DEchema  
File 357:Derwent Biotech Res. 1982-2005/Sep W3  
(c) 2005 Thomson Derwent & ISI  
File 358:Current BioTech Abs 1983-2005/Aug  
(c) 2005 DEchema  
File 369:New Scientist 1994-2005/Jun W3  
(c) 2005 Reed Business Information Ltd.  
File 370:Science 1996-1999/Jul W3  
(c) 1999 AAAS  
**\*File 370: This file is closed (no updates). Use File 47 for more current information.**

File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
(c) 1998 Inst for Sci Info  
File 28:Oceanic Abstracts 1966-2005/Aug  
(c) 2005 CSA.  
File 35:Dissertation Abs Online 1861-2005/Aug  
(c) 2005 ProQuest Info&Learning  
File 40:Enviroline(R) 1975-2005/Jul  
File 41:Pollution Abstracts 1966-2005/Aug  
(c) 2005 CSA.  
File 50:CAB Abstracts 1972-2005/Aug  
(c) 2005 CAB International  
File 91:MANTIS(TM) 1880-2005/Jun  
2001 (c) Action Potential  
File 110:WasteInfo 1974-2002/Jul  
(c) 2002 AEA Techn Env.  
**\*File 110: This file is closed (no updates)**  
File 164:Allied & Complementary Medicine 1984-2005/Sep  
(c) 2005 BLHCIS  
File 185:Zoological Record Online(R) 1978-2005/Sep  
(c) 2005 BIOSIS  
File 391:Beilstein Reactions 2005/Q2  
(c) 2005 Beilstein GmbH  
File 467:ExtraMED(tm) 2000/Dec  
(c) 2001 Informania Ltd.

**\*File 467: F467 no longer updates; see Help News467.**

7.

Set	Items	Description
---	-----	-----

?

S REVERSE (N) MICELLE? AND POLYMERIZ?  
1540362 REVERSE  
192013 MICELLE?  
16612 REVERSE (N)MICELLE?  
818469 POLYMERIZ?  
S1 453 REVERSE (N) MICELLE? AND POLYMERIZ?

?

S S1 AND (SILICON OR SILANE?)  
453 S1  
1573368 SILICON  
424995 SILANE?  
S2 23 S1 AND (SILICON OR SILANE?)

?

RD S2  
>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.  
...completed examining records  
S3 19 RD S2 (unique items)

?

S S3 NOT PY>1999  
Processing  
Processed 10 of 39 files ...  
>>>One or more prefixes are unsupported  
>>> or undefined in one or more files.  
Completed processing all files  
19 S3

38971320 PY>1999  
S4 12 S3 NOT PY>1999

?

S S3 NOT PY>2002  
>>>One or more prefixes are unsupported  
>>> or undefined in one or more files.

19 S3  
18270792 PY>2002  
S5 16 S3 NOT PY>2002

?

RD S5  
>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.  
...completed examining records  
S6 16 RD S5 (unique items)

?

**Display 6/3/1 (Item 1 from file: 154)**  
DIALOG(R)File 154:MEDLINE(R)  
(c) format only 2005 Dialog. All rts. reserv.

13560850 PMID: 11114662

**Enzyme immobilization in silica-hardened organogels.**

Schuleit M; Luisi P L  
Swiss Federal Institute of Technology Zurich, ETH Zentrum,  
Universitatstrasse 6, CH-8092 Zurich, Switzerland.  
Biotechnology and bioengineering (UNITED STATES) Jan 20 2001, 72 (2)  
p249-53, ISSN 0006-3592 Journal Code: 7502021  
Publishing Model Print  
Document type: Journal Article  
Languages: ENGLISH  
Main Citation Owner: NLM  
Record type: MEDLINE; Completed

- end of record -

?

**Display 6/3/2 (Item 1 from file: 399)**  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2005 American Chemical Society. All rts. reserv.

139117926 CA: 139(8)117926m TECHNICAL REPORT  
Characteristic analysis of amphiphilic polymers at surface and in  
solution  
AUTHOR(S): Yamaoka, H.; Matsuoka, H.; Matsumoto, K.  
LOCATION: Dept. of Polymer Chemistry, Grad. School of Eng., Kyoto Univ.,  
Japan,  
JOURNAL: KURRI-KR (KURRI-KR) DATE: 2002 NUMBER: KURRI-KR-81, Advanced  
Research of Quantum Beam Science (IV) PAGES: 49-68 CODEN: KURRBF ISSN:  
1342-0852 LANGUAGE: Japanese

- end of record -

?

**Display 6/3/3 (Item 1 from file: 8)**  
DIALOG(R)File 8:Ei Compendex(R)  
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

02775307 E.I. Monthly No: EI8908077669

**Title: Macrolux '88 conference.**

Author: Anon (Ed. )

Conference Title: Papers presented at the Macrolux 88 Conference

Conference Location: Luxembourg Conference Date: 19880406

E.I. Conference No.: 12211

Source: British Polymer Journal v 21 n 2 1989. Publ by Elsevier Applied Science Publ Ltd, Barking, Engl. 97-179

Publication Year: 1989

CODEN: BPOJAB ISSN: 0007-1641

Language: English

- end of record -

?

**Display 6/3/4 (Item 1 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

04896053 Genuine Article#: UQ172 No. References: 384

**Title: REACTION-KINETICS IN MICRODISPERSE SYSTEMS**

Author(s): BARZYKIN AV; TACHIYA M

Corporate Source: NATL INST MAT & CHEM RES/TSUKUBA/IBARAKI 305/JAPAN/; UNIV TSUKUBA/TSUKUBA/IBARAKI 305/JAPAN/

Journal: HETEROGENEOUS CHEMISTRY REVIEWS, 1996, V3, N2 (JUN), P105-167

ISSN: 1068-6983

Language: ENGLISH Document Type: REVIEW (Abstract Available)

- end of record -

?

**Display 6/3/5 (Item 2 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

04116772 Genuine Article#: RF627 No. References: 33

**Title: SOL-GEL PROCESSING OF TITANIA USING REVERSE MICELLAR SYSTEMS AS REACTION MEDIA**

Author(s): PERESDURAND S; ROUVIERE J; GUIZARD C

Corporate Source: UNIV MONTPELLIER 2,MAT & PROC MEMBRANAIRES LAB,CNRS,UMR 9987,2 PL EUGENE BATAILLON/F-34095 MONTPELLIER 05//FRANCE/; UNIV MONTPELLIER 2,MAT & PROC MEMBRANAIRES LAB,CNRS,UMR 9987/F-34095 MONTPELLIER 05//FRANCE/

Journal: COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, 1995, V98, N3 (MAY 22), P251-270

ISSN: 0927-7757

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

**Display 6/3/6 (Item 3 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

04034159 Genuine Article#: RA487 No. References: 42

**Title: ORGANIC-SYNTHESIS IN CLAY NANOSPACES**

Author(s): ONAKA M

Corporate Source: NAGOYA UNIV, FAC ENGN, DEPT APPL CHEM, CHIKUSA

KU/NAGOYA/AICHI 464/JAPAN/  
Journal: JOURNAL OF SYNTHETIC ORGANIC CHEMISTRY JAPAN, 1995, V53, N5 (MAY)  
, P392-402  
ISSN: 0037-9980  
Language: JAPANESE Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 6/3/7 (Item 4 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2005 Inst for Sci Info. All rts. reserv.

03736837 Genuine Article#: QB676 No. References: 22  
**Title: SILICA-GELS MADE BY Bicontinuous Microemulsion Polymerization**  
Author(s): BURBAN JH; HE MT; CUSSLER EL  
Corporate Source: UNIV MINNESOTA, DEPT CHEM ENGN & MAT  
SCI/MINNEAPOLIS//MN/55455; UNIV MINNESOTA, DEPT CHEM ENGN & MAT  
SCI/MINNEAPOLIS//MN/55455  
Journal: AICHE JOURNAL, 1995, V41, N1 (JAN), P159-165  
ISSN: 0001-1541  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 6/3/8 (Item 5 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2005 Inst for Sci Info. All rts. reserv.

03095398 Genuine Article#: MZ992 No. References: 41  
**Title: METHACRYLATE-BASED BLOCK IONOMERS .1. SYNTHESIS OF BLOCK IONOMERS DERIVED FROM T-BUTYL METHACRYLATE AND ALKYL METHACRYLATES**  
Author(s): DEPORTER CD; LONG TE; MCGRATH JE  
Corporate Source: VIRGINIA POLYTECH INST & STATE UNIV, DEPT  
CHEM/BLACKSBURG//VA/24061; VIRGINIA POLYTECH INST & STATE UNIV, DEPT  
CHEM/BLACKSBURG//VA/24061; VIRGINIA POLYTECH INST & STATE UNIV, NATL SCI  
FDN, CTR SCI & TECHNOL/BLACKSBURG//VA/24061  
Journal: POLYMER INTERNATIONAL, 1994, V33, N2 (FEB), P205-216  
ISSN: 0959-8103  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

Display 6/3/9 (Item 6 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2005 Inst for Sci Info. All rts. reserv.

03037272 Genuine Article#: MY338 No. References: 73  
**Title: CHAIN DYNAMICS IN CORONAS OF IONOMER AGGREGATES**  
Author(s): GAO ZS; ZHONG XF; EISENBERG A  
Corporate Source: MCGILL UNIV, DEPT CHEM, 801 SHERBROOKE ST W/MONTREAL H3A  
2K6/PQ/CANADA/; MCGILL UNIV, DEPT CHEM/MONTREAL H3A 2K6/PQ/CANADA/  
Journal: MACROMOLECULES, 1994, V27, N3 (JAN 31), P794-802  
ISSN: 0024-9297  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

**Display 6/3/10 (Item 7 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

03003049 Genuine Article#: MX287 No. References: 81

**Title: DIBLOCK, ABC TRIBLOCK, AND RANDOM METHACRYLIC POLYAMPHOLYTES -  
SYNTHESIS BY GROUP-TRANSFER POLYMERIZATION AND SOLUTION BEHAVIOR**

Author(s): PATRICKIOS CS; HERTLER WR; ABBOTT NL; HATTON TA

Corporate Source: DUPONT CO INC,CENT RES &amp; DEV,EXPTL

STN/WILMINGTON//DE/19880; DUPONT CO INC,CENT RES &amp; DEV,EXPTL

STN/WILMINGTON//DE/19880; MIT,DEPT CHEM ENGN/CAMBRIDGE//MA/02139;  
HARVARD UNIV,DEPT CHEM/CAMBRIDGE//MA/02138

Journal: MACROMOLECULES, 1994, V27, N4 (FEB 14), P930-937

ISSN: 0024-9297

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

- end of record -

?

**Display 6/3/11 (Item 8 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

01737074 Genuine Article#: HX033 No. References: 20

**Title: SYNTHESIS OF 3-ARM POLY(STYRENE-ARM-STYRENE-ARM-2-VINYLPYRIDINE)  
STAR COPOLYMERS**

Author(s): KHAN IM; GAO ZH; KHOUGAZ K; EISENBERG A

Corporate Source: CLARK ATLANTA UNIV,DEPT CHEM/ATLANTA//GA/30314; DEPT  
CHEM/MONTREAL H3A 2K6/QUEBEC/CANADA/

Journal: MACROMOLECULES, 1992, V25, N11 (MAY 25), P3002-3004

Language: ENGLISH Document Type: LETTER

- end of record -

?

**Display 6/3/12 (Item 9 from file: 34)**

DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2005 Inst for Sci Info. All rts. reserv.

00535509 Genuine Article#: DZ775 No. References: 26

**Title: EFFECTIVE IMMOBILIZATION OF PROTEIN LINKED WITH POLYETHYLENE-GLYCOL  
ON SILICA VIA HYDROGELS USING SILICA SOL**

Author(s): YOSHINAGA K; KITO T; YAMAYE M

Corporate Source: KYUSHU INST TECHNOL,DEPT CHEM,TOBATA KU/KITAKYUSHU  
804//JAPAN//; KYUSHU KYORITSU UNIV,FAC ENGN,YAHATANISHI KU/KITAKYUSHU  
807//JAPAN//

Journal: JOURNAL OF APPLIED POLYMER SCIENCE, 1990, V41, N7-8, P1443-1450

Language: ENGLISH Document Type: ARTICLE

- end of record -

?

**Display 6/3/13 (Item 1 from file: 73)**

DIALOG(R)File 73:EMBASE

(c) 2005 Elsevier Science B.V. All rts. reserv.

11893540 EMBASE No: 2003002503

Recent developments in materials synthesis in surfactant systems  
John V.T.; Simmons B.; McPherson G.L.; Bose A.

V.T. John, Department of Chemical Engineering, Tulane University, New Orleans, LA 70118 United States  
AUTHOR EMAIL: vijay.john@tulane.edu  
Current Opinion in Colloid and Interface Science ( CURR. OPIN. COLLOID INTERFACE SCI. ) (United Kingdom) 2002, 7/5-6 (288-295)  
CODEN: COCSF ISSN: 1359-0294  
PUBLISHER ITEM IDENTIFIER: S1359029402000705  
DOCUMENT TYPE: Journal ; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 53

- end of record -

?

Display 6/9/13 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2005 Elsevier Science B.V. All rts. reserv.

11893540 EMBASE No: 2003002503  
**Recent developments in materials synthesis in surfactant systems**  
John V.T.; Simmons B.; McPherson G.L.; Bose A.  
V.T. John, Department of Chemical Engineering, Tulane University, New Orleans, LA 70118 United States  
AUTHOR EMAIL: vijay.john@tulane.edu  
Current Opinion in Colloid and Interface Science ( CURR. OPIN. COLLOID INTERFACE SCI. ) (United Kingdom) 2002, 7/5-6 (288-295)  
CODEN: COCSF ISSN: 1359-0294  
PUBLISHER ITEM IDENTIFIER: S1359029402000705  
DOCUMENT TYPE: Journal ; Review  
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH  
NUMBER OF REFERENCES: 53

The paper reviews the use of surfactant self-assembly to template the

-more-

?

Display 6/9/13 (Item 1 from file: 73)  
DIALOG(R)File 73:EMBASE  
(c) 2005 Elsevier Science B.V. All rts. reserv.  
synthesis of polymers, ceramics with extended structures, and nanoparticles. The objective of the review is to highlight newer concepts linking self-assembly to materials nanostructure and to the realization of functional materials. (c) 2002 Elsevier Science Ltd. All rights reserved.

DRUG DESCRIPTORS:

\*surfactant  
polymer; silicon dioxide; cationic surfactant; oxide; monomer; latex;  
aniline; anionic surfactant

MEDICAL DESCRIPTORS:

\*materials; \*biosynthesis  
ceramics; phase transition; material state; architecture; polymerization;  
correlation analysis; microemulsion; crystallization; emulsion; morphology;  
hydrogel; nanoparticle; anisotropy; geometry; reverse micelle;  
hydrophobicity; hydrophilicity; atomic force microscopy; physical chemistry  
; review

-more-

?

**Display 6/9/13 (Item 1 from file: 73)**

DIALOG(R)File 73:EMBASE

(c) 2005 Elsevier Science B.V. All rts. reserv.

CAS REGISTRY NO.: 10279-57-9, 14464-46-1, 14808-60-7, 15468-32-3,  
60676-86-0, 7631-86-9 (silicon dioxide); 16833-27-5 (oxide); 142-04-1,  
62-53-3 (aniline)

## SECTION HEADINGS:

029 Clinical and Experimental Biochemistry

- end of record -

?

**Display 6/3/14 (Item 2 from file: 73)**

DIALOG(R)File 73:EMBASE

(c) 2005 Elsevier Science B.V. All rts. reserv.

07821160 EMBASE No: 1999293647

**Synthesis of nanosize silica in a nonionic water-in-oil microemulsion:****Effects of the water/surfactant molar ratio and ammonia concentration**

Arriagada F.J.; Osseo-Asare K.

K. Osseo-Asare, Dept. of Materials Sci./Engineering, Pennsylvania State University, University Park, PA 16802 United States  
Journal of Colloid and Interface Science ( J. COLLOID INTERFACE SCI. ) ( United States) 15 MAR 1999, 211/2 (210-220)

CODEN: JCISA ISSN: 0021-9797

DOCUMENT TYPE: Journal; Article

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 63

- end of record -

?

**Display 6/3/15 (Item 1 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

04893273 JICST ACCESSION NUMBER: 01A0551760 FILE SEGMENT: JICST-E

**Development of Processing Technology for Semiconductor Nanoparticles Formed in Reverse Micellar Systems and Preparation of Photo-Functional Materials.**

HIRAI TAKAYUKI (1); KOMASAWA ISAO (1)

(1) Osaka Univ. Graduate School of Engineering Sci., JPN

Kagaku Kogaku Ronbunshu, 2001, VOL.27,NO.3, PAGE.291-302, FIG.26, REF.44

JOURNAL NUMBER: S0110BAP ISSN NO: 0386-216X CODEN: KKRBA

UNIVERSAL DECIMAL CLASSIFICATION: 66.097 544.478.05

LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan

DOCUMENT TYPE: Journal

ARTICLE TYPE: Original paper

MEDIA TYPE: Printed Publication

- end of record -

?

**Display 6/3/16 (Item 2 from file: 94)**

DIALOG(R)File 94:JICST-EPlus

(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

04479850 JICST ACCESSION NUMBER: 00A0047775 FILE SEGMENT: JICST-E

**Novel Silicon-containing Amphiphilic Polymers: Synthesis and Creation of Polymeric Nanostructures.**

YAMAOKA HITOSHI (1); MATSUMOTO KOZO (1)  
(1) Kyoto Univ., Grad. Sch.  
Shinkobunshi Nano Soshikitai. Heisei 10 Nendo Kenkyu Seika Hokokusho oyobi  
Kenkyu Happyo Risuto, 1999, PAGE.61-64, FIG.2, TBL.1, REF.2  
JOURNAL NUMBER: N199932310  
UNIVERSAL DECIMAL CLASSIFICATION: 542.952.6CO  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication

- end of record -

?

**Display 6/9/16 (Item 2 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.

04479850 JICST ACCESSION NUMBER: 00A0047775 FILE SEGMENT: JICST-E  
**Novel Silicon-containing Amphiphilic Polymers: Synthesis and Creation of  
Polymeric Nanostructures.**  
YAMAOKA HITOSHI (1); MATSUMOTO KOZO (1)  
(1) Kyoto Univ., Grad. Sch.  
Shinkobunshi Nano Soshikitai. Heisei 10 Nendo Kenkyu Seika Hokokusho oyobi  
Kenkyu Happyo Risuto, 1999, PAGE.61-64, FIG.2, TBL.1, REF.2  
JOURNAL NUMBER: N199932310  
UNIVERSAL DECIMAL CLASSIFICATION: 542.952.6CO  
LANGUAGE: Japanese COUNTRY OF PUBLICATION: Japan  
DOCUMENT TYPE: Journal  
ARTICLE TYPE: Original paper  
MEDIA TYPE: Printed Publication  
DESCRIPTORS: polycarbosilane; polyhydroxyethyl methacrylate; diblock  
copolymer; amphiphilic polymer; living anion polymerization;

-more-

?

**Display 6/9/16 (Item 2 from file: 94)**

DIALOG(R)File 94:JICST-EPlus  
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.  
ring-opening polymerization; block copolymerization; polymer reaction;  
hydrolysis; deprotection; solubility(property); micelle formation;  
core-shell emulsion; microsphere; film thickness; pressure dependence;  
small angle X-ray scattering; reverse micelle; X-ray reflection;  
monomolecular layer; aromatic compound; organolithium compound  
IDENTIFIERS: monomolecular film  
BROADER DESCRIPTORS: hetero-atom containing polymer; polymer;  
polymethacrylate; acrylic resin; thermoplastic; plastic; block  
copolymer; copolymer; functional polymer; macromolecule; anionic  
polymerization; ionic polymerization; polymerization; chemical reaction  
; living polymerization; copolymerization; solvolysis; decomposition;  
decomposition reaction; elimination reaction; property; composite  
emulsion; emulsion; disperse system; sphere; solid(cubic); thickness;  
length; geometric quantity; dependence; X-ray scattering;  
electromagnetic wave scattering; scattering; small angle scattering;  
micelle; electromagnetic wave reflection; reflection; monolayer; layer;

-more-

?

Display 6/9/16 (Item 2 from file: 94)  
DIALOG(R)File 94:JICST-EPlus  
(c)2005 Japan Science and Tech Corp(JST). All rts. reserv.  
thin film; membrane and film; organometallic compound  
CLASSIFICATION CODE(S): CG04030D

- end of record -

?

S S6 AND LABILE

16 S6  
137557 LABILE  
S7 0 S6 AND LABILE

?

S S1 AND LABILE (5N) BOND?

453 S1  
137557 LABILE  
1928597 BOND?  
2509 LABILE (5N) BOND?  
S8 0 S1 AND LABILE (5N) BOND?

?